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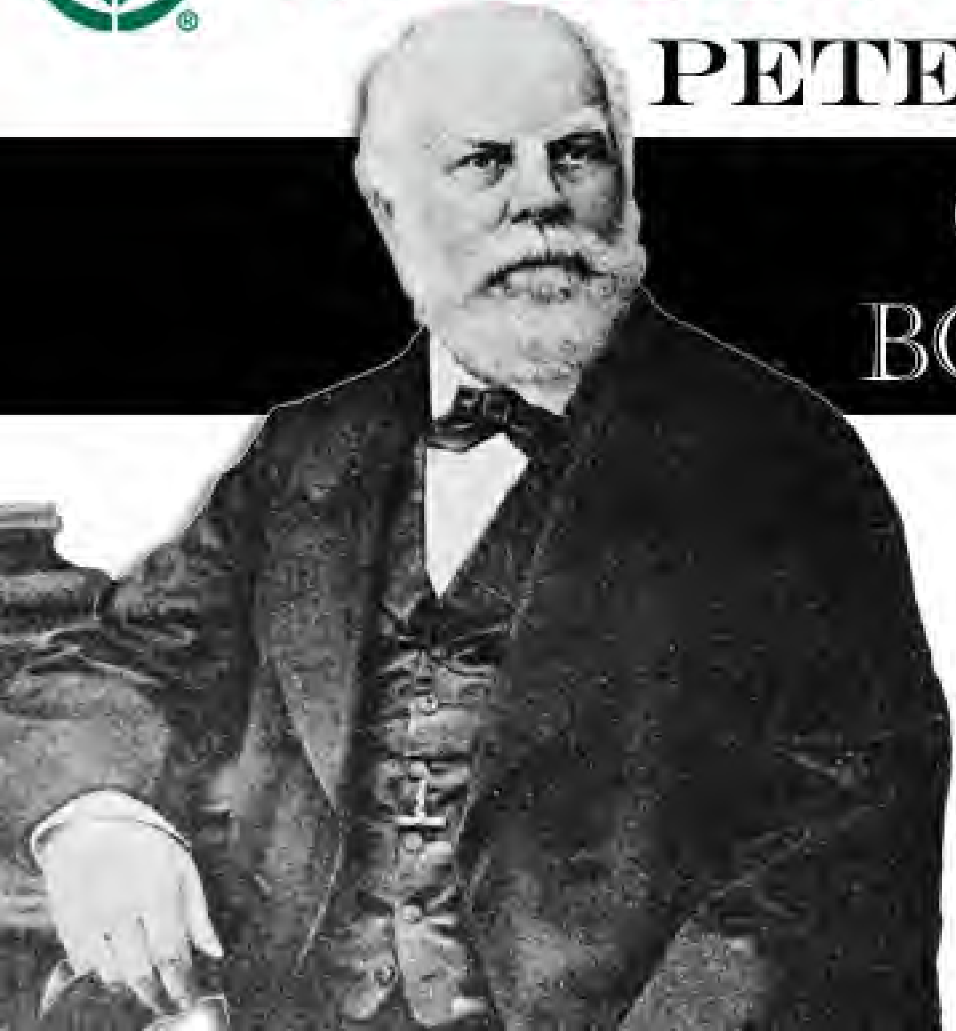

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

Pagination Note:
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Fouquieraceae

Fouquiera HBK. char. emend. Engelm. Wisliz. Mem. note 16.

F. formosa HBK. ibid.

F. splendens Engelm. n. sp. ibid F. spinosa Torr. in Emory Rep. 147 t. 8 Gr. Pl. Wr. 2. 63 Torr. in Sitgr. Rep. 165

F. spinosa HBK ibid. Gr. Pl. Wright 1. 76 Pl. Xantus 158 Sonora

Idria columnaris Kellogg n. gen. sp. Proc. Cal. Ac. 2. 34

80

Polemoniaceae DC. Prod. 9 p. 302 (1845) by Bentham

Phlox bryoides n. sp. Nutt Pl. Gamb. 153.

Ph. nana n. sp. Nutt Pl. Gamb. 153

Polemonium viscosum n. sp. Nutt. Pl. Gamb. 154

Gilia multiflora n. sp. Nutt Pl. Gamb. 154 Bot. Bound. 146

G. divaricata n. sp. Nutt Pl. Gamb. 155

G. aurea n. sp. Nutt Pl. Gamb. 155

G. crebrifolia n. sp. Nutt Pl. Gamb. 156

G. spicata n. sp. Nutt Pl. Gamb. 156

G. trifida n. sp. Nutt Pl. Gamb. 156

G. pumila n. sp. Nutt Pl. Gamb. 156

G. filifolia n. sp. Nutt Pl. Gamb. 156

Leptosiphon bicolor n. sp. Nutt Pl. Gamb. 156 Gilia!

Fenzlia speciosa n. sp. Nutt Pl. Gamb. 157 Gilia

Leptodactylon caespitosum n. sp. Nutt Pl. Gamb. 157 Gilia

Collomia linoides n. sp. Nutt Pl. Gamb. 159

Navarretia minima n. sp. Nutt Pl. Gamb. 160

Phlox canescens Torr & Gr. n. sp. Pl. Beckw. P.R. II. 122 t. 6.

Gilia Gunnisoni Torr & Gr. n. sp. Pl. Gunnison. P.R. 2. 128 t. 9.

G. longiflora Don Torr. in Sitgr. Rep. 165 t. 7

Phlox occidentalis Durand in Pl. Whipp. 125. P. divaricata Durand Pl. Pratten

Navarretia leucocephala Benth Hartw. 324

Gilia ciliata Benth Hartw. 324

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Convolvulaceae DC. Prod. 9. p. 323 (1845) Choisy

Ipomaea leptophylla Torr. n. sp. Pl. Fremont 1. 94 Emory Rep. t. 11

(Convolv. hastatus Nutt. n. Sp. Pl. Ark. 194 C. Nuttallii Torr. in Emory Rep. 149) C. lobatus Eng. Pl. Lindh. 1. 44.

Calystegia Maximiliana Nees n. sp. Pl. Neuwied 17 = C. sepium var. fide Torr. Bot Bound. 148

Ipomaea longifolia Benth. Pl. Hartw. 345 (Conv. Shumardianus Torr. Marcy Rep. 278) Bot. Bound 149

Ip. ~~sagittata Desf.~~ sagittifolia H & Arn. Pl. Whipp. 127

Convolv. arvensis var villosus Chois. DC. Prod. 9. 405. Pl. Whipp. 127

Ipomoea tenuiloba Torr n. sp. Bot. Bound 149

I. costellata Torr n. sp. Bot Bound. 149

I. leptotoma Torr n. sp. Bot Bound. 150

Evolvulus ? ovalifolius Torr n. sp. Bot Bound. 150

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Solanaceae DC. Prod 13. 1. p. 1 (1852) Dunal
Solaneae Texanae; Gray in Sill. Journ. n. ser. 22 ( ) p. 284

Solanum Texense Engelm & Gr. n. sp. Pl. Lindh. 1. 19. = S. elaeagnifolium Cav, see below

S. Torreyi Gray in Proc. Am. Ac. Bost. VI. p. 44 (1862) S. mammosum ? Pl. Lindh. nro 281. S. platyphyllum? Torr in An. Lyc. N.Y. non Dun.

Physalis pumila Nutt. n. sp. Pl. Ark. 193 see Torr Bot Bound. 153

Ph. longifolia Nutt n. sp. Pl. Ark. 193 Bot Bound 153

Ph. mollis Nutt n sp Pl. Ark. 193 Bot Bound. 153

Nicotiana caudata Nutt. n. sp. Pl. Gamb. 181 ? = N. Mexicana Schlecht. in Lin. XV. 95. – Pl. Xant. 166.

Lycium see A. Gray in Proc. Am. Acad. vol. VI. p. 45. (1862) Bot Ives 23

Solanum umbelliferum Esch. – DC. Pr. 13. 93 = S. Californicum Dun ib. p. 86 Pl. Whipp. 71

Nicotiana quadrivalvis Pursh. Pl. Whipp. 127

N. plumbaginifolia Dun in DC. Pr. 13. 569 – Pl. Whipp. 127

N. multiflora Nutt Pl. Gamb. fide Torr Bot Williamson P.R. 5. 362 see Pl. Xant. 166. = N. ipomopsiflora Dun. DC Prod 13. 559. Comm. Lindheimer (repandula) Gray.

Datura Thomasii Torr n. sp. Bot Williamson P.R. 5. 362 Bot Bound. 155
= D. discolor Bernh. – DC. Prod. 13. 541. Pl. Xant. 165

Solanum umbelliferum Eschsch. – DC. Prod. 13. 93. & vars. Torr in Pl. Parke P.R. 7. 17
(= S. Californicum Dun 13. 86.) Pl. Whipp. 127. (71)
(= S. genistoides Dun p. 85 S. Menziesii Dun. p. 159)

S. Fendleri Gray n. sp. Sill Journ. 22. p. 284

S. Jamesii Torr in Ann Lyc. N.Y. 2. 227. – Gray ib.

S. Lindheimerianum Scheele Lin. (S. triquetrum Dun. Prod 13 p. 154) Bot Bound 152

S. elaeagnifolium Cav. – ~~Dun~~ Prod. 13. 290. (= S. flavidum Torr. = Texense Engelm & Gr
= Roemerianum. Scheele = ? Hindsianum Benth.

Physalis lobata Torr. Ann Lyc. N.Y. 2. 226. Solan. luteiflorum Dun Prod 13. 64

Ph. lanceolata Mx var.? spathulaefolia Torr Bot Bound. 153

Ph. cardiophylla Torr. n. sp. Bot Bound. 153 Bot Ives 23

Datura Metel L. & meteloides DC see Bot Bound. 154 note of Gray

Margaranthus solanaceus Schlecht. Bot Bound. 154

Petunia parviflora Juss. – Dun 575 = Leptophragma prostrata Benth. Dun. p. 578

Nierembergia viscosa Torr n sp Bot Bound. 155.

Withania Coronopus Torr (Solanum C. Dun. p. 64) Bot Bound. 155

Browallia Texana Torr n. sp. Bot Bound. 156.

Datura quercifolia HBK. on the Rio Grande.

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Gentianaceae DC. Prod 9 p. 38. (1845) Grisebach

Gentiana Fremontii Torr n. sp. Pl. Frem. 1. 94 = G. humilis Stev. see
Engelm. in St Louis Transact 2. p. 217 t. 9

Lisianthus glaucifolius Lam. Nutt Pl. Ark. 197

Sabbatia campestris Nutt n. sp. Pl. Ark. 197

Frasera nitida Benth Hartw. 322 Pl. Whipp. 126

F. paniculata Torr. n. sp. Pl. Whipp. 126

F. Parryi Torr. Bot Bound. 156

Erythraea floribunda Benth. Hartw. 322

Bot Bd. 157
Erythraea trichantha Griseb. & var. Durb Hilg. Pl. Heerm. PR V. p 11 T. 9

Gentiana simplex Gr. n. sp. Pl Newb. PR. 6. 87 T. 16

Erythraea chironioides Torr. (Gyrandra Gris) Bot Bd. 156

E. Beyrichii Torr & Gr. n. sp. Bot Marcy. p. 278 t. 13 (E. trichantha β. angustifolia Gris. in DC Prod. 9. 60)

Bot Bd. 157
Gentiana Parryi Eng   Engelm. in St Louis Trans. II. 21 Pl. Hall. 74 note

G. Wislizeni Eng   St Louis Transact. II. 215. t. 7 & Pl. Parry no 304 – 309

G. acuta & var.   ib II. 214 t. 9   Eng. in Pl. Hall. 74 note

G. prostrata var   ib II. 217. t. 9

G. frigida Haenke   Pl. Parry no 305

G. heterosepala Eng   ib. II. 215 t. 8

G. barbellata Eng   ib II. 216 t. 11.

Frasera speciosa Dougl.   Eng in Pl. Parry no 310.

Gent. affinis Gris & varieties, genuina & brachycalyx Eng. Pl. Hall. 74 note

Pleurogyne rotata Gris   Eng in Pl. Hall 74 note.

Tesseranthium radiatum Kellogg n. gen sp. Proc Ac. Cal. 2. 142 c. ic
= Frasera

Erythraea Pickeringii Oakes n. sp. Hovey's Mag. 1841 p. 2. = E. spicata Pers fide Gray

Sabbatia campanulata Torr. Flor. North St. 217 Oakes in Hovey Mag. 1841 p. 3 = S. gracilis Salisb fide Gray

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Apocyneae A. DeCandolle i DC Prod 8. p. 317 (1844)

Amsonia tomentosa Torr & Frem n. sp. Frem 2d Exp. 316. Bot Bound. 158

Cycladenia humilis Benth. n. gen. sp. Pl. Hartw. 322

Echites macrosiphon Torr n. sp. Bot Bound. 158 t. 43

E. brachysiphon Torr n. sp. Bot Bound. 158.

Amsonia longiflora Torr n. sp. Bot Bound. 159

Haplophyton cimicidum Decais. Prod. 8. 412 Bot Bound. 159

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Asclepiadaceae 2

Asclepias brachystephana Eng. n. sp. Bot Bound. 163
A. macrotis Torr n. sp. Bot Bound. 164 t. 45
~~A. longicornu Benth Pl. Hartw.~~
Gonolobus granulatus, Scheele n. sp. Linnaea. 21. 759 Bot Bound. 165
Lachnostoma ? parviflora Torr. n. sp. Bot Bound. 165
Gonolobus productus Torr n. sp. Bot Bound. 165.
G. ? parvifolius Torr n. sp. Bot Bound. 166.
(Asclepias acornutum Kellogg n. sp. Proc Cal Ac. 1. 55 ed. 2. p. 54
Acerates atropurpurea Kellogg n. sp. Proc Cal Ac. 1. 65 =)
Asclepias longicornis Kellogg n. sp. Proc Cal Ac. 1. 65. (ed. 2, 68.)
Ascl. Fremontii Torr , name only in Pac R. Rept. VI. 87 (Newberry)
A. mexicana Cav ? Hook & Arn. Bot Beechey. p. 363
A. vestita ~~Hook & Arnott Bot Beechey~~ p. 363

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Asclepiadaceae Decaisne in DC. Prod. 8 p. 490 (1844)

Acerates latifolia Torr & Frem n. sp. in Frem. 2d Exp. 317

Asclepias Lindheimeri Eng & Gr. n. sp. Pl. Lindh. 1. 42. = A. longicornu Benth. fide Torr Bot Bound. 164

Gonolobus cynanchoides Eng & Gr. n. sp. Pl. Lindh. 1. 42

Polyotus (= Acerates) heterophyllus Nutt Pl. Ark. 199 = Asclep. viridiflora Pursh.

P. angustifolius Nutt n. sp. Pl. Ark. 201

Anantherix paniculatus Nutt Pl. Ark. 202

A. decumbens Nutt. n. sp. Pl. Ark. 202

Asclepias macrophylla Nutt n. sp. Pl. Gamb. 180 =? A fascicularis Decaisne DC. Prod. 8. 569. fide Benth. Hartw. 323

A. verticillata β? leptophylla Torr in Sitgr. Rep. 164

A. n. sp. Torr. Pl. Whipp. 128

A. eriocarpa Benth. Hartw. 323 Torr in Bot Whippl. p. 128 (name only)

Acerates cordifolia Benth. Hartw. 323. Pl. Whipp. 128.

Asclepias subulata Decaisne DC Prod. 9. 571 Torr in Bot Williamson P.R. 5. 362 t. 7

Sarcostemma heterophyllum Engelm in Bot Williamson P.R. 5. 362 Bot Bound. 161.

Asclep. macrophylla var comosa Dur & Hilg. Pl. Heerm. P R 5. 10 t. 8

Metastelma barbigerum Scheele Linn. 21. 760 Bot Bound. 159

M. ? angustifolium Torr n. sp. Bot Bound. 159

Roulinia unifaria Eng (Gonolobus Scheele) Bot Bound. 160.

Acerates auriculata Eng. n. sp. Bot Bound. 160

A. tomentosa Torr n sp Bot Bound. 160 t. 44

Sarcostemma bilobum Hook & Arn Bot Beech. 317 Bot Bound. 160

S. elegans Decaisne. ? Bot Bound. 161

S. undulatum Torr n. sp. Bot Bound. 161

S. heterophyllum Eng. n. sp. Bot Bound 161. var. p. 162

Asclepias Jamesii Torr n. sp. Bot Bound. 162

A. erosa Torr n sp Bot Bound. 162

A. arenaria Torr n sp Bot Bound. 162

A nummularia Torr n sp Bot Bound. 163 t. 45

A. involucrata Eng. n. sp. Bot Bound. 163

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Fraxinus see Gray in Review of Pl. Buckley Proc. Philad Academy May 1862 p. 166 & p. 2

Oleaceae

DeCandolle in DC. Prod. 8. p. 273 (1844)
Forestiera see Gray in Proc. Am. Acad. Arts Sci IV. 363 (1860)

Fraxinus velutina Torr n. sp. Emory Rep. 149. var of F. pistaciaefolia Pl. Whipp. 128

Forestiera pubescens. Nutt n. sp. Pl. Ark. 177.

Fraxinus pistaciaefolia Torr. Pl. Whipp. 128 Bot Bound. 166

F. Oregana Nutt Sylva. t. 99. (F. pubescens. var Hook Fl. F. grandifolia Benth Sulph. Pl. Whipp. 128

F. cuspidata Torr n. sp. Bot Bound. 166

F. dipetala Hook & Arn. var? trifoliolata Torr Bot Bound. 167

Forestiera phillyreoides Torr Bot Bound. 167 (Piptolepis Benth. Pl. Hartw 29

F. reticulata Torr n. sp. Bot Bound. 167

F. sphaerocarpa Torr n sp Bot Bound. 168

F. angustifolia Torr n sp Bot Bound. 168

Forestiera Revision by A Gray Proc. Am. Acad A & Sc. IV. Jan. 1860 p. 363

Jasminateae

Menodora Gray in Sill. Journ. 14 p. 44.

M. scabra Gray ib. Torr. in Bot Parke P.R. 7. 18 t. 7

M. longiflora Gray ib.

87 **Aristolochiaceae** Duchartre DC. Prod 15. 1. p 421 (1864)

A. reticulata Nutt Pl. Ark.

A. Californica Torr n. sp. Pl. Whipp. 128

A. longiflora Eng & Gr. Pl. Lindh. 1.

Asarum Hookeri Fielding. Pl. Whipp. 128

A. brevipes Benth. Pl. Hartw. 15. (A Wrightii Seem) Bot Bound. 168.

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Nyctaginaceae

Choisy in DC. Prod 13. 1 p. 425 (1849)
Gray in Sillim. Journ. 15. 14? p. 320
— Bot Bound. 172

Abronia micrantha Torr in Pl. Frem. 1. 96. Emory Rep. 149. form of A. mellifera Stansbury Rep 395 not that of A. cycloptera Gray.

A. fragrans Nutt. in Hk. Lond. Jour. Bot. Gunnison P.R. 2. 128 t 10 Bot Bound. 170

Oxybaphus glabrifolius (non ~~Vahl. Chois.~~). (O. laevis Benth.?) Torr. Pl. Whipp. 131 See Bot Bound. 169

Abronia cycloptera Gray. Sill Journ. 15. p. 319 Pl. Whipp. 131 (Abronia micrantha Torr. here)

A. mellifera Dougl. DC Prod. Pl. Whipp. 131. Bot Bound. 170

Oxybaphus hirsutus Sweet — Torr Bot Bound. 169

O. coccineus Torr n. sp. Bot Bound. 169.

Allionia incarnata Linn Bot Bound. 169

Acleisanthes longiflora Gray. etc Bot Bound. 170 t. 46.

Pentacrophys Wrightii Gray etc. Bot Bound. 170 t. 47. b.

Selinocarpus angustifolius Torr n. sp. Bot Bound. 170. t. 47. a.

Boerhaavia anisophylla Torr n. sp. Bot Bound. 171

B. spicata Chois ? Torr Bot Bound. 171 Pl. Xant. 166.

B. scandens Lin (B. Grahami Gray l.c.)

B. leiosolena Torr n. sp Bot Bound. 172

Mirabilis Californica Gray Bot Bound. 170 t. 48

var villosa Kellogg. Proc Calif Ac. 2. 10&68. (1863) c. ic. p. 68

Oxybaphus Froebelii Behr n. sp. Proc Calif Ac. 1. 69

Abronia Crux Maltae Kellogg n. sp. Proc. Cal. Ac. II. 71. c. ic.

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Phytolaccaceae

Rivina portulacoides Nutt nsp. Pl. Ark. 167 = laevis, fide Torr Bot Bound. 184

Basellaceae

Anredera scandens Moq. DC Prod. 13. 2. 230 Basella vesicaria Lam.
Bot Bound. 179

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90

What is Chenop. subspicatum Nutt gen? ~~Not in Moq~~.
= Atripl. hastata fide Moq.

Chenopodiaceae DC. Prod. 13.2 p. 41 (1849) Moquin

over

Fremontia vermicularis n. gen Torr. Pl. Frem. 1. 95. 2d 317 t. 3 = Sarcobatus Maximiliani Nees Pl. Fremont 20.

= Sarcobatus vermicularis Torr. in Emory Rep. 149

Obione confertifolia Torr & Frem. n. sp. Frem. 2d Exp. 318.

Pterochiton occidentale n. gen. sp. Torr & Frem. Frem. 2d Exp. 318. Nutt Pl. Gamb. 184 = Obione occid. Moq. DC. Pr. 13.2 112

Arthrocnemon fruticosum Moq. DC. Prod. 11. 151? Stansb. Rep. 394

Obione lentiformis Torr n. sp. ~~[illegible]~~ Sitgr. Rep. 169. t. 14 var. Pl. Whipp. 129

O. canescens Moq. synonymy Sitgr. Rep. 169 var., Bot Bound. 183

Acanthochiton Wrightii Torr n. gen. sp. Sitgr. Rep. 170 t. 13 Bot Bound. 179.

Teloxys cornuta Torr. n. sp. Pl. Whipp. 129. (Gray 390)

Obione hymenelytra Torr. Pl. Whipp. 129 t. 20 Bot Bound. 182

O. polycarpa Torr Emory Rep. 149 Pl. Whipp. 130

over Suaeda maritima Dumort. Chenopodina mar. Moq. DC. Pr. Salsola depressa Pursh Pl. Whipp 130

over S. fruticosa Forsk var.? multiflora Torr in Pl. Whipp. 130

Obione bracteosa Dur & Hilg. n. sp. Pl. Hearn. P.R. V. 13 t. 14

over Chenopodina linearis Moq. DC. Pr. 13. 2. 164 (in part) Torr in P.R. 7. 18. Salsola linearis Ell.

over Ch. Moquini Torr in Bot Parke P.R. 7. 18 Ch. linearis Torr in Stansb. Rep. 394

Endolepis Suckleyi n. gen. sp. Torrey in Pl. Stevens P.R. 12. 47 t. 3

Obione Suckleyana n. sp. Torrey in Pl. Stevens P.R. 12. 47 t. 4

O. Barclayana Benth in DC. Prod. 13. 2. 112? see Dur & Hilg. P.R. V. 13. = acanthocarpa Torr fide Bot Bound 183 see Bot Cal. 25

O. argentea Moq. (Nutt) see Bot Bound. 182

O. radiata Torr n. sp. Bot Bound. 182

O. elegans Moq var.? radiata Torr Bot Bound 183

O. acanthocarpa Torr. n. sp. Bot Bound. 183

O. occidentalis Moq. — Bot Bound. 184 & var ib.

Arthrocnemum macrostachyum Bunge Linn. 28. 573 — Bot Bound. 184 Bot Cal. 25

Salicornia mucronata Lag. ♃. Bot Bound. 184

S. Bigelovii Torr Bot Bound 184 ☉ (S. mucronata Bigelow. Gray etc. non Lag)

Corispermum Americanum Nuttall Arkan 165

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What is Chenopodium subspicatum Nutt Gen 1. 199 a glaucum?

⊙ The plant of the eastern seacoast, an annual is:

Salsola salsa? Michx. I. 174 (herbacea) Pursh 1.197. ⊙ Nutt. Gen 1.199 (calyx!!)

Chenopodium maritimum Pursh 1. 198 ⊙. = S. salsa fide Nutt Gen 1.200

Salsola depressa Pursh 1.197. ⊙ = S. salsa fide Nutt gen. 1.200. Westward

Salsola linearis Elliott 1.332. ⊙

Sueda maritima (Dumort) Torr. Fl. N.Y. 2.141. Pl. Whipp. 130

Chenopodium maritimum Moq. DC. Prod. 13. 2. 161. Gray man. ed 2. 366.

Chenopodium lineare Moq. l. c. p. 164 in parte ⊙ fide Torr P.R. 7. 18. ⊙
(Moq. gives the above synonyms but says it is ♄ —

♄

Chenopodium lineare Moq. DC. Pr. 13. 2. 164 in part fide Torr. P.R. 7. 18 probably only because Moq. says it is ♄; all his localities are the Eastern Am. coast.

Chenopodium lineare Torr in Stansbury Rep. 394

Chenopodium Moquini Torr in P.R. 7. 18.

Sueda fruticosa Forsk. Moq. DC. Prod 13. 2. 156. var? multiflora Torr Bot Whipp. 130
& Bot Bound. 184

⊙ Schoberia calceoliformis Moq. DC. Prod. 13. 2. 166. ⊙ West; also N York fide Moq.
Chenopodium ———— Hook. Fl. Bor. Am 2. 126
Sueda ———— Moq. Chenop. Enum. 128

Amaranthaceae DC. Prod 13. 2 p. 231 (1849) Moquin

Amarantus tamariscinus Nutt n.sp. Pl. Ark. 165

Achyranthes lanuginosa Nutt n.sp. Pl. Ark 166 = Alternanthera Torr in Emory Rep. 150

Montelia tamariscina Gray Man. ed. 2. 370 Amar. tamariscinus Nutt Tr. Am. Phil Soc. 5. 165

Froelichia floridana Moq. includes F. Drummondii Moq. Torr Pl. Whipp. 131

Acanthochiton Wrightii Torr n. gen. sp. Sitgr. Rep. 170 t. 13. Bot Bound. 179

Celosia paniculata Lin Bot Bound. 179.

Sarratia Berlandieri (not Moq. DC. Prod. 13. 2. 268). Bot Bound. 179. & var. r. = Amblogyna Torreyi Gray;

Amblogyna polygonoides Raf. Bot Bound. 179. see Pl. Xant. 168

Alternanthera lanuginosa Torr Emory Rep. 150 (Achyranthes Nutt) Bot Bound. 180

Alt. suffruticosa Torr. n. sp. 181

Gomphrena tuberifera Torr n. sp. 181

G. Sonorae Torr n. sp. 181

G. caespitosa Torr n. sp. 181

Amblogyna (Sarratia) Torreyi Gray in Proc. Am. Acad. V. 169 (Pl. Xant)

Amblogyna Raf. Gray ibid. Pl. Xant. p. 168 seq.

Scleropus, from an accidental form of some Amar. Gray Pl. Xant ib

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Polygonaceae 2

Eriogonum umbellatum Torr in Sitgreaves Rep. tab 12
Polygonum tenue Mx var Eng in E. Hall. 75 note
Eriogonum deflexum Torr mss Bot Ives. 24.
Plenst

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Polygonaceae Meisner DC Prod 14. p. 1 (1857)

E. Brittenianum Dav. R. Britten 100
E. Thomasii Torr. R. Williamson PR. 5 364

~~Eriogonum~~ inflatum Torr & Frem n. sp. Frem 2^d Exp. 317
~~E.~~ reniforme Torr & Fr. n sp. ibid
~~E.~~ cordatum Torr & Frem n sp ibid.
~~E.~~ atrorubens Engel n sp. Wisliz Mem. note 43
~~E.~~ trichopes Torr n sp Emory Rep. 150
~~E.~~ Abertianum Torr n sp ibid.
Polygonella Mich Gray. Pl. Lindh I. 23. note see DC Prod. 14 p. 79
P. polygama Gray ib. P. parvifolia Mx. Polygonum polygamum Vent.
P. ericoides Gray ib. Gonopyrum Americanum Fisch & Mey.
Thysanella fimbriata A Gr. n. gen. Pl. Lindh. I. 24 (Polygonum fimbriatum Ell. t. 588) DC Prod 14. p. 82
Polygonum cristatum E & Gr. n. sp. Pl. Lindh. I. 51. DC Prod. 14. p. 136.
~~Eriogonum~~ longifolium Nutt n sp Pl Ark. 164
~~E.~~ ~~annuum~~ Nutt n sp Pl Ark 164
~~E.~~ multiceps Nees. n sp. Pl. Neuwied 20.
Eriogoni et affines Nuttall in Pl. Gambel. p. 160–170. (1848
~~E. leptocladon~~ Torr & Gr. in Pl. Gunn. P. R. 2. 129
not in DC Acanthogonum rigidum Torr n. gen. sp Pl. Whipp. 133 Pl. Williamson P R V. p. 363 t. 8
not in A. ? corrugatum Torr n sp. Pl. Williamson P R V. 364
Chorizanthe fimbriata Nutt. Benth. Torr. Pl. Williamson P R V. 364 t. 8 DC Pr. 14. 25
Centrostegia Thurberi Gray n. gen sp. Pl. Parke P R. 7. p. 19 t. 8 DC Prod. 14. 27
not in DC. Chorizanthe laciniata Torr. n sp. Pl. Parke P R. 7. p. 19.
Eriogonum ciliatum Torr. Benth. Bot Bound. 175
E. helianthemifolium Benth is var of E. Wrightii Torr, fide Bot Bound 176
E. cymosum Benth — — — E. annuum Nutt fide Bot Bound. 176
E. platyphyllum Torr — — E. tenellum Torr — — —
E. Thurberi Torr n sp Bot Bound. 176
Chorizanthe brevicornu Torr n. sp. Bot Bound 177
Rumex hymenosepalus Torr n sp. Bot Bound. 177
R. salicifolius Weinm. var denticulatus Torr Bot Bound. 178 DC Prod 14. 47

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Lauraceae

Oreodaphne Californica Nees & Synon. Torr Pl. Whipp. 133 Nutt Sylv. t. Newberry P.R. 6
Bot Bound. 184 24 c. fig

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Thymelaceae

Dirca palustris Lin California Torr Pl. Whipp. 133

95

Elaeagnaceae

96

Santalaceae

Comandra umbellata Nutt note in Pl. Whipp. 134
var. angustifolia Torr Bot Bound. 185
Darbya umbellulata A Gr. n. gen. spec. Sill Journ I. (1846) p. ..
Buckleya distichophylla Torr. Sill. Journ 45 (1843) p. 170
Sill Journ 18 (July 1854) p. ..

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DC. Prod. (18)
Engelmann Pl. Lindh. 2, 212 note (18)
Pl. Fendl. 59 note (18 –.

Loranthaceae

Disposition by Engelmann Pl: Fendl. 58–59 note and especially Pl. Lindh 2. 212 note

Phoradendron juniperinum. Engl. Pl. Fendl. 58 Pl. Lindh 2. 212 note

Ph. flavescens, Nutt. Pl. Gamb. 185 Pl. Fendl. 59 note Pl. Lindh. 2. 212 note Bost Journ. 185

Ph. orbiculatum Eng. n. sp. Pl. Fendl 59 note = Ph. flavescens var Pl. Lindh ibid.

Ph. tomentosum Eng. (DC). Pl. Fendl. 59 note

Ph. lanceolatum Eng. n. sp. Pl. Fendl 59 note

Ph. villosum Nutt Pl. Gamb. 185 ~~Nutt.~~ Pl. Lindh 2. 212 note

Ph. Californicum Nutt Pl. Gamb. 185 E. = Pl. Lindh. 2. 213 note Pl. Whipp. 134

Arceuthobium Oxycedri M.B. E. ibid.

A. Americanum Nutt E. Pl. Lindh. 2. 214 note

A. campylopodum Eng. n. sp. Pl. Lind ib Pl. Whipp. 135

A. cryptopodum E. n. sp. ib. Pl. Whipp. 134

Phoradendron n. gen. Nutt Pl. Gamb. 185

Ph. pauciflorum Torr. n. sp. Pl. Whipp. 134

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Euphorbiaceae 1

Stillingia spinulosa n. sp. Torr Emory Rep. 151

Pilinophytum Lindheimeri n. sp. Engelm & Gray. Pl. Lindh. I. 24

Aphora mercurialina Nutt. Tr. Phil Soc. 5. 174 Pl. Ark Bot Bound. 197 & var.

A. pilosissima (under Serophyton Benth Bot Sulph. p. 53) Torr. incorrectly referred by Eng & Gr. in Pl. Lindh. to A. mercurialina is a good species

A. lanceolata (Seroph. Benth. ibid)

A. Drummondii (Seroph Benth ibid)

A humilis E & Gr. n sp Pl. Lindh. 1. 54. Bot Bound. 196

Tragia brevispica E & Gr. n. sp. Pl Lindh 1. 54 } both belong to T. ramosa Torr. N.Y. Ann. 2. 245 fide Marcy Rep. 282, no, to urticifolia Bot Bound 200

T. angustifolia Nutt n sp Pl Ark. 172 belongs to T. ramosa Torr fide Bot Bound. 200

T. betonicaefolia Nutt n sp Pl Ark 173 ad. T. urticifol. Mx Bot Bound. 200

Croton muricatum Nutt n. sp. Pl Ark 173 see below. Hendecandra multiflora

Maschalanthus n. gen. Nutt Pl. Ark. 175 obovatus (Phyllanthus Mich)

M. polygonoides Nutt n. sp. Pl Ark. 175 (Phyll. Roemerianus Scheele Lin.) Bot Bound. 193

Lepidanthus phyllanthoides n. gen. sp. Nutt Pl Ark. 175

Stillingia lanceolata Nutt n. sp. Pl Ark. 176 (= St. sylvatica β. salicifolia Torr Ann N.Y. 2. 245

Hendecandra multiflora Torr. in Frem. 1 Exped. 96. — = H. Texana Klotsch. fide Torr. Marcy Rep. 282
= Croton muricatum Nutt.

Gynamblosis monanthogyna Torr in Marcy Rep. 282 & synonyms. Bot Bound. 196

Phyllanthus ericoides Torr n sp. Bot Bound. 193

Croton Berlandieri Torr n. sp. Bot Bound. 193

Croton Sonorae Torr n sp. Bot Bound. 194

C. suaveolens Torr n sp Bot Bound. 194 & var

C. Lindheimerianum Scheele Lin. 25. 580 Bot Bound 194

C. fruticulosum Engelm. Bot Bound 194

C. procumbens Eschsch. & synon. Bot Bound. 195

C. trichocarpum Torr n. sp. Bot Bound. 196

Eremocarpus setigerus Benth Bot Sulph. 53 t. 26 Bot Bound 196

Aphora laevis Gray n sp Bot Bound. 196

A. serrata Torr. n sp Bot Bound 197

Mozinna spathulata Ortega var. Bot Bound. 197

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Euphorbiaceae 2

Mozinna canescens Benth Bot Sulph. 52 t. 25. Bot Bound. 198
M. cardiophylla Torr. n sp Bot Bound. 198
Cnidoscolus angustidens Torr n sp. Bot Bound 198
Jatropha multifida Lin Torr Bot Bound 198
J. Berlandieri Torr n. sp Bot Bound 198
Janipha Loeflingii HBK Bot Bound 199
J. Manihot HBK. var. Bot Bound 199
Acalypha phleoides Cav. ? Bot Bound. 199.
A hederacea Torr n sp Bot Bound 200
A radians Torr n sp Bot Bound 200
Tragia urticifolia Mx & var. & syn Bot Bound. 200
Tyria myricaefolia Scheele Lin. 25. 581 Bot Bound. 201
Sapium ? annuum Torr n. sp. Bot Bound 201
S. sylvaticum Torr Stillingia Lin Bot Bound. 201
S. salicifolium HBK. Bot Bound. 201
Simmondsia Californica Nutt. – Hook Lond. Journ Bot. 3. 400. t. 16
Bot Bound. 202 t. 49 Buxaceae!
Batis maritima L.
B. Californica Torr. Smith. Contr. 6. p. t. 11. Bot Bound 202
Euphorbia setiloba Eng. see Pl. Xant. 170. Bot Ives 26
E. polycarpa Benth. ib 171 Bot Ives 26
E. hypericifolia L. ib. 171
E. gymnoclada Eng. ib. 171. E. . . . . DC. Prod.
E. schizoloba Eng. ib. 173 note Bot Ives 27 sub nom E. incisa
E. lurida Eng ib. 173 note. Bot Ives 26
Simmondsia pabulosa Kellogg. n. sp. Proc. Ac. Cal. 2. 21

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Urticaceae

Urtica purpurascens Nutt n. sp. Pl. Ark. 169

Celtis integrifolia Nutt n. sp. Pl. Ark 169 = Mississippiensis Bosc = occidentalis var Bot. Bound. 203

Ulmus crassifolia Nutt n. sp. Pl. Ark 169 = U. opaca Nutt Sylv. t. 11 Bot. Bound. 203

Maclura aurantiaca Nutt Gen. 2. 233 Pl. Ark. 169

Humulus Americanus Nutt n. sp. Pl. Gamb. 181

Urtica holosericea Nutt n. sp. Pl. Gamb. 183

Datisceae Tricerastes glomerata Presl Rel. 2. 88 t. 64 Benth. Hartw. 334 Whipp. 135

Hesperocnide tenella Torr. n. gen. sp. Pl. Whipp. 139

Parietaria debilis Forst var P. floridana Nutt. Gen 2. 208.

Celtis pallida Torr n. sp. Bot. Bound. 203

Morus microphylla Buckley in Proc Ac Philad 1862 p. 8 & 167

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Juglandaceae

Juglans rupestris Engl. Sitgr. Rep. 171 t. 15-16. Bot Bound. 205
(= J. pyriformis Liebm. Kiobh. Vid. 1850 p. 80 ?)

Garryaceae

Garrya elliptica Lindl Bot Reg. 1686 Pl. Whipp. 136
G. Wrightii Torr. n. sp. Pl. Whipp. 136
G. Fremontii Torr n. sp. Pl. Whipp. 136.
G. Lindheimeri Torr n. sp. Pl. Whipp. 136
Faddy
(G. Faydenii Hook Fadyenii
G. laurifolia Benth. Pl. Hartw. no 81 & 384)

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Platanaceae

Platanus racemosa Nutt Sylv. 1. 47, t. 15. (P. Mexicana Moric., P. Californica Benth)
Newberry P.R. 6. 33 f. 10. Bot Bound. 204 Pl. Whipp. 136

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Cupuliferae DC. Prod. XVI. part 2 pag 1

Quercus Emoryi Torr n. sp. Emory Rep. 151 t. 9. R. Whipp. 138 (including pungens & hastata Liebm. fide Torr. Bot Bound. 206)
Quercus Gambelii Nutt n. sp. Pl. Gamb. 179 Sitgr Rep. 172 t. 18.
Q. alba β.? Gunnisoni Torr & Gr. R. Gunnis. P.R. 2. 130
Q. oxyadenia Torr n. sp. Sitgr Rep. 172. t. 17. = agrifolia Née fide Torr Bot Whipp. 138 Newberry P.R. 6. 32 c ic
Q. oblongifolia Torr n. sp. Sitgr Rep. 173 t. 19. Bot Bound. 206 (= grisea Liebm fide Torr)
Q. undulata Torr in Ann Lyc. N Y. 2. 248 t. 4 R. Marcy. 284. Nutt. Sylv.
Q. echinacea Torr n. sp. R. Whipp. 137 t. 14. = densiflora H & Arn fide Newberry P.R 6. 31 c ic
Q. crassipocula Torr n. sp. R. Williamson P.R V. 365 t. 9 (1856) R. Whipp. 137 = chrysolepis Liebm = Q. fulvescens Kell see below
Q. tinctoria var californica Torr R. Whipp. 138 Q. Kelloggii Newberry P.R 6. 28 c ic
= Q. Sonomensis Benth in DC. Prod 16. 2. 62
Q. Hindsii Benth. Sulph. 55 (Q. longiglanda Torr in Frem. Geogr Mem of Calif.)
= Q. lobata Née (Q. Ransomi Kellogg.) Newberry P.R. 6. 29 c ic
Castanea chrysophylla Dougl. Hook fl. 2. 159 R. Whipp. 137. Pl. Hartw. 337 Newberry P.R 6. 26 c ic
Castanopsis
Q. chrysolepis Liebm. in Benth. Hartw. 336 (Febr. 1857) DC. Prod. 16. 2. 37. including Q. crassipocula Torr and Q. fulvescens Kellogg. (C. sempervirens Kellogg Proc Ac Cal 1. 71
1854
~~Castanea~~ chrysophylla Kellogg. Proc Cal Ac 1. 67. (ed. 2)
Quercus
Q. fulvescens Kellogg. Proc. Cal Ac. 1. 67 & 71 2d ed p. 70. & 75 Newberry P.R. 6. 27 c ic. (= Cast) (1855. published 1857)
Q. morehus Kellogg Proc. Cal Ac. 2 p. 36. DC. Prod 16. 2. 79 [= Wislizeni DC. ?]
Q. dumosa Nutt Sylv. p. 7, Torr Bot Bound. p. 207

Liebmann, Quercus, Neo Mex & Calif. in Copenhagen Nat. Hist. Transact. 1854
Liebmann, Egeesl [as quoted by DC.

Q. acutidens Torr n. sp. Bot Bound. 207 tab 51.
Q. confertifolia HBK.? Bot Bound. 207.
Q. obtusifolia var breviloba Torr Bot Bound. 206
Q. Ransomi Kellogg Proc Calif. Ac 1. 23 (2d ed)
Q. arcoglandis Kellog ibid
Castanea sempervirens Kellogg ib. p. 75 (2d ed)
Q. vaccinifolia Kellogg ib. 1. p. 96 (2d ed. p. 106)
Q. Kelloggii Newberry

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Myricaceae DC. Prod. 15

Myrica Californica Cham. & Schlecht. Linn. 6. 535 Pl. Whipp. 137

109 Betulaceae

see Regel's Monogr. 1861
Tuckerman in Sill. Journ. 45. July 1843. p. 29

Alnus viridis DC. in Californ. Pl. Whipp. 137
A. crispa Tuckerm. in Sill. Journ. 45. 33
A. Mitchelliana Curtis ex Gray Sill. Journ. 42. p. 42 } = A. viridis fide Regel.
A. oblongifolia Torr. n. sp. Bot. Bound. 204
A maritima Muhl, Nutt. Sylv. 1. 34 is the same as A. oblongata Willd — see Regel mon.
Canby in Ac. Philad. Proceed. 1864. 18.

110 Salicaceae

see Andersson in
Tuckerman in Sill. Journ. 45. July 1843 p. 34

Salix Hindsiana Benth. Hartw. 335 Pl. Whipp. 138
S. lasiandra Benth. Hartw. 335. Pl. Whipp. 138
S. Bigelovii Torr. n. sp. Pl. Whipp. 139.
S. lasiolepis Benth. Hartw. 335
S. brachystachys Benth. Hartw. 336

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Coniferae

Abietineae & Gnetaceae see separate notes

Libocedrus decurrens Torr n. sp. in Pl. Fremont 1853 p. 7. t. 3
Newberry P.R. 6. 63 Pl. Whipp. 140

Cupressus disticha var imbricaria Nutt Pl. Ark. 163

Taxus brevifolia Nutt Sylv. 3. 86 t. 108 & Synon Pl. Whipp. 140
Newberry P.R. 6. 60 c ic.

Torreya Californica Torr in N.Y. Journ Pharm. 3. 49. & Syn. Pl. Whipp. 140
Newberry P.R. 6. 61 c ic.

Sequoia sempervirens Endl. Syn Conif. 198 Taxodium Lamb. —
Gray in Sill Journ 18. 150 — Pl. Whipp. 140 Newberry P.R. 6. 57 c ic

S. gigantea Torr in Sill Journ 18. 150. Wellingtonia gig. Lindl. Torr Pl. Whipp. 140
Endl. Conif 198. — Proc Cal Ac. 2. 199.
Taxodium giganteum Kellogg & Behr Proc Cal Ac. 1. 58

Juniperus tetragona Schlecht. Linn. 13. 495 in Torr. Sitgr. 173. Bot

— — var osteosperma Torr Pl. Whipp. 141 Bot Bound. 210

J. pachyphlaea Torr n. sp. Pl. Whipp. 142 — Bot Bound 210

J. occidentalis Hook Fl. 2. 166 J. Andina Nutt Sylv. 3. 95 t. 110
Newberry P.R. 6. 59 c ic.

Cupressus macrocarpa Hartw. in Journ Hort Soc. 2. 187 Bot Bound. 211

C. Goveniana Gord. Journ Hort Soc. 4. 295. Bot Bound 211

Thuja gigantea Nutt Sylv 400 t. . . Newberry P.R. 6. 56 c ic

Cupressus Nutkatensis Lamb Hook Flor. 2. 165 — Newberry P.R. 6. 62 c. ic. —

Ephedra spec. see Bot Bound. 207 & 208.

Cupressus fragrans Kellogg n. sp. Proc Cal Ac. 1. 103

Juniperus Cerrosianus Kellogg n. sp. Proc Ac Cal 2. 37

J. tetragona Schlecht. var osteosperma Torr in Bot Whipp. 141

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Najadaceae

Potamogeton Robbinsii Oakes in Hovey's Mag. 1841. p. 2
P. pulcher Tuckerman in Sill Journ. 45. July 1843 p. 38
P. Claytonii Tuckerm ib.

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Kunth Enum III. 147 (1841

Alismaceae

Alisma Geyeri Torr. n. sp. Pl. Nicollet p. 162.

A. rostrata Nutt n. sp. Pl. Ark. 159

Sagittaria radicans Nutt n. sp. Pl. Ark 159

Damasonium Californicum Torr. in Pl. Hartw. 341 Pl. Whipp. 142 t. 21

Sagittaria calycina Eng. in Bot. Bound. 212 Pl. Hartw. 341

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Orchidaceae

Gymnadenia nivea Gray Pl. Lindh. 1. 28 Orchis nivea Nutt
Spiranthes vernalis Engelm & Gr nov spec Pl. Lindh. 1. 28
Orchis leucophaea Nutt n sp Pl. Ark. 161
O. scutellata Nutt n sp Pl. Ark. 161
Corallorhiza striata Lindl. – Pl. Wripp. 152 t. 25
Spiranthes porrifolia Lindl. Orch. 467
Platanthera elegans Lindl Orch. 285
Gymnadenia longispica Durand sp. nov. Pl. Pratten 101
Platanthera dilatata Lindl. & hyperborea Lindl. notes in Gray Pl. Parry. no 357
Spiranthes gemmipara Lindl. see Gray Pl. Hall 76.

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Kunth Enum V. p. 467 (1850

Amaryllidaceae

Habranthus Andersonii Herb. var Texanus Bot Mag. Bot Bound. 213
Cooperia pedunculata Herb.
C. Drummondii Herb.
Agave Americana β? latifolia Torr. Bot Bound. 213.
A Lecheguilla Torr. n. sp. Bot Bound. 213
A Geminiflora Gawl. var Sonorae Torr Bot Bound. 214
A parviflora Torr n. sp. Bot Bound. 214
A maculata Engelm n. sp. Bot Bound. 214
A. n. sp. Torr. in Bot Ives 29

Betulaceae

Alnus oblongifolia Torr Bot Bound. p. 204
A oblongata Willd. Regel. Betul p. _ _ A. maritima Muhl Nutt.